

IN THE CLAIMS:**Kindly replace the claims with the following:**

1. (Currently Amended) A data processing arrangement comprising:
 - an input circuit [INP] for forming data items into successive groups of data [GRP] and for generating a basic control data item [BCD] and an additional control data item [SCD] for each group of data [GRP]; ~~a basic control data item [BCD] indicating for each data item one of a plurality of terminals [1, 2, 3, 4] to which the data item should be applied, and an~~ the additional control data item [SCD] indicating for each data item if this data item is valid [+], or not valid [-];
 - a data processing circuit [PRC], containing a plurality of terminals, for processing the data applied to the terminals in order to obtain an output data item; and
 - an interconnection network [ICN] for applying selected ones of the data items in the successive groups of data [GRP] from said input circuit to corresponding ones of a plurality of the terminals [1, 2, 3, 4] of said processing circuit in dependence on the basic control data item [BCD] ~~and on the additional control data item [SCD]~~; ~~the interconnection network [ICN] being arranged to apply a data item to the terminal indicated by the basic control data item [BCD] if the data item is valid [+], and, if the data item is not valid [-], to apply a valid data item instead;~~ and
 - ~~a data processing circuit [PRC] for processing the data applied to the terminals in order to obtain an output data item.~~

2. (Currently amended) A method of processing data, comprising the ~~following~~ steps of:
 - ~~a forming step [INP] in which~~ data items into successive groups of data [GRP] ~~are formed and generating~~ a basic control data item [BCD] and an additional control data item [SCD] ~~are generated for each group of data [GRP], a basic control data item [BCD] indicating for each data item one of a plurality of terminals [1, 2, 3, 4] to which the data item should be applied, and an~~ said additional control data item [SCD] indicating for each data item if this data item is valid [+], or not valid [-];
 - ~~an application step applying [ICN] in which the~~ data items in successive groups of data [GRP] are applied ~~to the terminals [1, 2, 3, 4] of a processor [PRC] in~~

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dependence on the basic control data item [BCD] ~~and on the additional control data item [SCD], the interconnection network [ICN] being arranged to apply a data item to the terminal indicated by the basic control data item [BCD] if the data item is valid [+]~~ and, if the data item is not valid [-], to apply a valid data item instead; and

- ~~a processing step [PRC] in which wherein the data items applied to the terminals are processed in order to obtain an output data item.~~

3. (Currently Amended) A ~~"computer program" product~~ a computer program product, stored on a computer readable medium for a data processing arrangement, the "computer program" product comprising a set of instructions which, when loaded into ~~a~~ the data processing arrangement, causes this arrangement to carry out the following steps:

- a forming step ~~[INP]~~ in which data items are formed into successive groups of data [GRP] ~~are formed~~ and a basic control data item [BCD] and an additional control data item [SCD] are generated for each group of data [GRP], ~~a basic control data item [BCD] indicating for each data item one of a plurality of terminals [1, 2, 3, 4] to which the data item should be applied, and an~~ said additional control data item [SCD] indicating for each data item if this data item is valid [+] or not valid [-];

- an application step ~~[ICN]~~ in which data items of the successive groups of data [GRP] are applied ~~to the terminals [1, 2, 3, 4] of a processor~~ in dependence on the basic control data item [BCD] ~~and on the additional control data item [SCD], the interconnection network [ICN] being arranged to apply a data item to the terminal indicated by the basic control data item [BCD] if the data item is valid [+]~~ and, if the data item is not valid [-], to apply a valid data item instead; and

- a processing step performed in said processor [PRC] in which the data ~~items applied to the terminals~~ are processed in order to obtain an output data item.

4. (New) The arrangement as recited in claim 1, wherein said basic control data item [BCD] indicates for each data item one of a plurality of said terminals [1, 2, 3, 4] to which the data item is applied.

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5. (New) The method as recited in claim 2, wherein said basic control data item [BCD] indicates for each data item one of a plurality of said terminals [1, 2, 3, 4] to which the data item is applied.

6. (New) The product as recited in claim 3, wherein said basic control data item [BCD] indicates for each data item one of a plurality of said terminals [1, 2, 3, 4] to which the data item is applied.